

62-14988

I. Ermilova, G. A.

Ermilova, G. A.
EFFECT OF THE FRACTIONAL COMPOSITION OF
POLYPROPYLENE ON ITS PHYSICO-MECHANICAL
PROPERTIES. 13 Mar 62 [9]p. 8 refs.
Order from OTS or SLA \$1.10

62-14988

Trans. of Plasticheskie Massy (USSR) 1961, no. 12,
p. 7-10.

DESCRIPTORS: *Plastic films, *Propenes, Polymers,
Plasticizers, Physical properties, Mechanical proper-
ties, Elasticity, Tensile properties, Deformation,
Temperature.

For polypropylene processed into films, the lowest
resistance to thermomechanical action is shown by the
bulk polymer structure. An increase in the content of
atactic polymer obtained by polymerization or treatment
of polypropylene is accompanied by a significant de-
crease in mechanical strength of the polymer (about
(Materials--Plastics, TT, v. 9, no. 3) (over)

Office of Technical Services

Production of New Types of Ferroplastics on the
Base of Carbonyl Powders and Their Electromagnetic
Properties., by I.S. Tolmusskii, A.B. Prilutskii.
RUSSIAN, per, Plasticheskie Massy, No. 10, 1961,
pp 15-19.
HLL/M. 5100

Sci -
July 1967

334-670

Centrifugal Casting of Cog Wheels and Large
Blanks of Polyamide Resins, by A. M. Sklyarskiy.

RUSSIAN, per, Plasticheskie Massy, No 12,
1961, pp 22-26.

RLM M. 3850

OTL

Sci - Engr

Nov 62

217,530

Artificial Infection of Specimens of Plastics
Materials with the Spores of Test Fungi for
Testing Their Resistance to Microbiological
Corrosion, by I. Bonar.

RUSLAN, paper, Plasticheskie Massy, Vol 1,
1962, pp 68-70.

GE/06

Sci-Chem
July 63

Kamenskii, I. V., Sanin, I. K., and Korshak, V. V.
POLYMERS BASED ON SILICON-CONTAINING FURAN
COMPOUNDS: THE SYNTHESIS OF ORTHO SILICIC
ACID-FURFURYL ALCOHOL ESTERS. July 62 [5]p.
25 refs.

Order from ICE in v. 2, no. 3, \$15.00/year

Trans. of Plast[icheskie] Massy (USSR) 1962, no. 3,
p. 8ff.

DESCRIPTORS: Polymers, Plastics, *Furan resins,
*Furfuryl alcohols, *Silicic acids, Synthesis, Hardening,
*Silanes.

(Materials--Plastics, TT, v. 9, no. 2)

63-12256

- I. Kamenskii, I. V.
- II. Sanin, I. K.
- III. Korshak, V. V.
- IV. Title: Synthesis ...
- V. International Chemical
Engineering, New York

Office of Technical Services

Tatevos'yan, G. O. and Kuznetsova, I. B.
WEATHER RESISTANCE OF FILM MATERIALS.
[1962] 13p.
Order from ATS \$15.85

ATS-57P61R

Trans. of Plasticheskie Massy (USSR) 1962, no. 3,
p. 44-51.

DESCRIPTORS: *Films, *Materials, Plastics,
Meteorology, Resistance, *Weatherproofing.

(Materials--Plastics, TT, v. 8, no. 4).

62-17698

- I. Tatevos'yan, G. O.
- II. Kuznetsova, I. B.
- III. ATS-57P61R
- IV. Associated Technical
Services, Inc., East
Orange, N. J.

Office of Technical Services

Polymerization of BIS (2-Chloroethyl) Vinylphosphonate
by V. A. Orlov, O. G. Tarakanov, 6 pp.

RUSSIAN, per, Plasticheskiye Massy, No 4, 1962,
pp 6-8.

Navy Tr 3415/Buships 816

Sci - Chem
Jul 63

235,747

Organosilicon Compounds Containing Phosphorus, by
by M. M. Galeshina, H. V. Sobolevskiy, 9 pp.

RUSSIAN, per, Plasticheskiye Massy, No 4, 1952,
pp 16-19.

Navv Tr 3416/Buships 817

Sci - Chem
Jul 63

235,748

Method of Drying Formaldehyde by Absorption,
by G. S. Goncharov, et al.

RUSSIAN, per, Plasticheskiye Massy, No 4, 1962,
pp 50-52.

GB/28

Sci-Chem

Oct 63

241, 419

Artificial Infection of Specimens of Plastics
Materials With the Spores of Test Fungi for
Testing Their Resistance to Microbiological
Corrosion, by L. Bonar.

RUSSIAN, paper, Plasticheskie Massy, Vol. I,
1962, pp 68-70.

GB/96

236,322

Sci-Chem
July 65

Gas-Phase Method of Synthesising Poly-
oxamides, by L.V. Sokolov.

RUSSIAN, per Plast.Massy, No. 5, 1962,

pp 45-47

GB 256/T. 1658

Sci -

Aug 67

338-393

Experience in the Use of Polyamides in the Bearing
of Small Propeller Shafts, by Ya. I. Balakovskiy,
Yu. M. Kartsev.

RUSSIAN, per, Plasticheskiye Masly, Moscow, Jul 1962.

Navy Trans 3317/ONI 930

Sci - Materials & Metallurgy
Mar 63

224,755

63-18356

I. Kolobov, E. I.

Kolobov, E. I.
CONTRACTION OF ORIENTED POLYMERS DURING
ANNEALING. [1963] 6p. 5 refs.

Order from OTS or SLA \$1.10 63-18356

Trans. of *Plasticheskie Massy* (USSR) 1962, no. 6,
p. 62-63.**DESCRIPTORS:** *Plastic films, *Polyethylene plastics,
*Halocarbon plastics, Fluorocarbons, Heat treatment,
*Annealing, Physical properties, *Crystal structure,
Transformations.

At each temperature, there is a definite amount of isothermal contraction in the crystalline polymer which was stretched at a lower temperature until a neck was formed in the direction of the fiber length. The isothermal contraction of stretched crystalline polymers increases with increasing temperature. The increase in the isothermal contraction with increasing temperature can be interpreted as a result of the irreversible decrease in the degree of oriented crystallinity. (Author)

(Materials--Plastics, TT,
v. 10, no. 9)

Office of Technical Services

63-18650

Alishoev, V. R., Neiman, M. B., and Kovarskaya,
B. M.

THERMO-OXIDATIVE DESTRUCTION AND STABILIZATION OF POLYFORMALDEHYDE. [1963] 10p

11 refs

Order from OTS or SLA \$1.10

63-18650

Trans. of [Plasticheskie Massy] (USSR) 1962, no. 7,
p. 11-14.

DESCRIPTORS: *Formaldehyde, *Polymers, Stabilization, Pyrolysis, Oxidation, Heating, Mechanical properties, Reaction kinetics.

The thermo-oxidative destruction of polyformaldehyde is an auto-accelerating chain reaction. Branch formation during the oxidation of polyformaldehyde is not related to the disintegration of hydrogen peroxide. A series of anti-oxidants significantly increases the
(Materials--Plastics, IT, v. 10, no. 10) (over)

I. Alishoev, V. R.
II. Neiman, M. B.
III. Kovarskaya, B. M.

K-H -13327-a

Office of Technical Services

Swelling of Foam Plastics by Means of High-
Frequency Heating, by L. M. Koval'chuk, 10 pp.

RUSSIAN, per, Plasticheskiye Massy, No 7,
1962, pp 32-35. 9689437

DDC NSIC-85

Sci - Engr. M/M
Dec 63

243,998

63-10094

I. L'vov, B. S., Koltunov, M. A. and others.
PHYSICO-MECHANICAL CHARACTERISTICS OF
GLASS PLASTICS BASED ON A POLYESTER RESIN:
ELASTIC CONSTANTS OF GLASS PLASTICS.
12 Oct 62, 7p. 2 refs.
Order from OTS or SLA \$1.10

63-10094

Trans. of Plasticheskie Massy (USSR) 1962, no. 8,
p. 38-40.

DESCRIPTORS: *Polyester plastics. *Glass textiles,
Stresses, Deformation, Elasticity, Laminates,
Polymers.

(Materials--Plastics, TT, v. 9, no. 11)

I. L'vov, B. S.
II. Koltunov, M. A.
III. Title: Elastic...

Office of Technical Services

Gunder, O. A. and Livahits, I. M.
AN INVESTIGATION INTO THE BEST CONDITIONS
FOR THE HEAT TREATMENT OF POLYCAPRO-
LACTAM COMPONENT PARTS. [1963] 8p.
Order from ATS \$8.50 ATS-75Q70R

Trans. of Plasticheskie Massy (USSR) 1962, no. 9,
p. 24-28.

DESCRIPTORS: *Lactams, *Plastics, *Polymers,
*Heat treatment.

(Materials--Plastics, TT, v. 10, no. 9)

63-22178

1. Title: Caprolactams
2. Title: Polycaprolactams
- I. Gunder, O. A.
- II. Livahits, I. M.
- III. ATS-75Q70R
- IV. Associated Technical
Services, Inc.,
East Orange, N. J.

Office of Technical Services

Certain Questions Relating to the Theory of
the Welding of Plastics by Ultrasound, by
L. N. Glushchikov, 10 pp.

RUSSIAN, per, Plasticheskiye Massy, No 11,
1962, pp 33-35. 9683262

PTD-TT-03-359

Sci-Engr
Jun 63

234,529

Some Methods for the Evaluation of Plastic Lining
Materials in Relation to Aggressive Liquids,
by N. S. Tikhomirova, K. I. Zernova, et al, 11 pp.
RUSSIAN, per, Plasticheskiye Massy, No 12, 1964
pp 40-45. 92 3522
AEC-ANL-Tr-15

Sci-Mat & Met
Aug 64

262,923

Behavior of Polyethylene Under Stress in
Some Aggressive Media, by N. A. Bokshitskaya.
RUSSIAN, per, Plasticheskie Massy, No 12,
1962, pp 58-62.
NTC-71-15642-111

Feb 72

Thermal Properties and Measuring the Thermal
Expansion, Heat Capacity, and Thermal Conductivity
of Polymers, by G. M. Bartenev, Yu. A. Gorbatkina,

14 pp.

RUSSIAN, per, Plasticheskiye Massy, No 1, 1963,
pp 56-64.

9213620 - Put on data!

*AEC - T-484

Sci - Phys

May 63

CTS

SCL-T-484

STUDY OF INTERNAL STRESSES ARISING IN THE PRO-
DUCTION OF PRODUCTS FROM GLASS TEXTOLITE MATERIAL,
BY I. A. KOZLOV, I. V. LEBEDEV. 9 PP.

RUSSIAN, PER, PLASTICHESKIYE MASSY, NO 1, 1963,
PP 74-75.

JPRS 18271

SCI
ENGR
APR 63

225,622

EQUIVALENT TERMS (PROPOSED) IN THREE LANGUAGES,
PROPOSED BY TECHNICAL COMMITTEE 61 (PLASTICS)
OF ISO (INTERNATIONAL COMMITTEE ON STANDARDIZATION)
FOR USE IN THE FIELD OF CHEMISTRY AND THE
TECHNOLOGY OF PLASTICS, 10 PP.

RUSSIAN, PER, PLASTICHESKIYE MASSY, ~~NO~~ NO 1,
1963, PP 78-80.

JPRS 18271

SCI
ENGR
APR 63

63-17889

Veselovskii, P. F. and Vorob'eva, E. P.
THE DIELECTRIC PROPERTIES OF SPATIAL
COPOLYMERS OF STYRENE. July 63, 6p. 12 refs.
Order from ICE in v. 3, no. 3, \$15.00/year

Trans. of Plasticheskie Massy (USSR) 1963, no. 2,
p. 6-11.

DESCRIPTORS: Chemical engineering, *Dielectric
properties, *Copolymerization, *Styrene plastics,
Organic compounds.

(Chemistry--Organic, TT, v. 10, no. 7)

I. Veselovskii, P. F.
II. Vorob'eva, E. P.
III. International Chemical
Engineering, New York

Office of Technical Services

63-2270

Medvedeva, F. M. and Andrianova, N. A.
THE PREPARATION OF MIXED POLYESTERS OF
ETHYLENE GLYCOL WITH 2,5-FURAN DICARBO-
XYLIC AND TEREPHTHALIC ACIDS. Aug 63.
Order from TTIS \$3.60 TTIS NS 115

Trans. of Plasticheskie Massy (USSR) 1963, no. 2,
p. 14-15.

DESCRIPTORS: *Phthalic acids, *Carboxylic acids,
*Glycols, *Ethylenes, Esters, Polymers, Polyester
plastics, Synthesis (Chemistry).

(Materials--Plastics, TT, v. 10, no. 10)

1. Title: 2,5-Furan
dicarboxylic acids
2. Title: Terephthalic acids
- I. Medvedeva, F. M.
- II. Andrianova, N. A.
- III. TTIS NS-115
- IV. Translation and
Technical Information
Services (Gt. Brit.)

Office of Technical Services

Kamenskii, I. V., Vorob'ev, V. P. and others.
POLYMERS ON THE BASIS OF THE CONDENSATION
PRODUCTS OF FURFUROL WITH ACETONE. 8p.

4 refs.

Order from OTS or ETC \$0.80

63-27149

Trans. of Plasticheskie Massy (USSR) 1963, no. 3,
p. 17.

DESCRIPTORS: *Furfuryl alcohols, *Acetones, Con-
densation reactions, *Polymers.

(Materials--Plastics, TT, v. 10, no. 10)

63-27149

I. Kamenskii, I. V.
II. Vorob'ev, V. P.

Office of Technical Services

Study of Properties & Possibilities for Using
Boron- Silicon-Organic Polymers as Components of
Heat-Resisting Adhesives (Glues), by V. D. Solodovnik,
A. B. Davydov.

RUSSIAN, per, Plasticheskiye Massy, No 3, 1963,
pp 39-42.

*AED

Sci - M/M
Sep 63

Reduction of Moisture Absorption of Capron
Parts, by O. A. Gunder and A. N. Iysykh.
RUSSIAN, per, Plasticheskie Massy, No 4, 1963,
pp 70-72.
NTC 71-13806-11I

Feb 72

Zhivukhin, S. M. and Tolstoguzov, V. B.
THE PRODUCTION AND USE OF PHOSPHONITRILE
CHLORIDES AND THEIR DERIVATIVES. [1963] [13p]
65refs
Order from OTS, SLA, or ETC \$1.60 TT-63-20621

Trans. of *Plasticheskie Massy* (USSR) 1963,
no. 5, p. 24-27.

DESCRIPTORS: *Phosphonitriles, *Chlorides,
Industrial production, Polymers, Plastics, Condensation
reactions, Heat resistant plastics, Stability, Chemical
properties.

A survey of the literature.

(Materials--Plastics, TT, v. 11, no. 3)

TT-63-20621

I. Zhivukhin, S. M.
III. Tolstoguzov, V. B.

Office of Technical Services

The Nature of Polyamide Destruction During Contact
Stresses, by Ye. A. Fedorchuk, 7 pp.
RUSSIAN, per, Plasticheskiye Massy, No 5, 1963,
pp 56-58. 9692722
FTD-TT-64-126

Sci-Chem
June 64

260,6174

Synthesis of Polymeric Polydioxarylene-
Phosphonitrylates, by S. M. Zhivukhin, V.B. Tolstoguzov,
13 pp.

RUSSIAN, per, Plasticheskiye Massy, No 7, 1963,
pp 24-28. 9692167

FTD-TT-63-1101

Sci - Phys
Apr 64

253,571

TT-64-10719

LI, P. Z., Mikhailova, Z. V., and Kaganova, E. L.
THE HARDENING OF UNSATURATED CHLORINE-
CONTAINING POLYESTER RESINS BY BENZOYL
PEROXIDE-TERTIARY AMINE REDOX SYSTEMS.
1 Nov 63 [Sp] 9 refs

Order from OTS, SLA, or ETC \$1.10 TT-64-10719

I. LI, P. Z.
II. Mikhailova, Z. V.
III. Kaganova, E. L.

Trans. of Plasticheskie Massy (USSR) 1963, no. 8,
p. 13-16.

(Materials--Plastics, TT, v. 12, no. 2)

Office of Technical Services

TT-64-10718

Tarasov, A. I. and Spasskii, S. S.
COPOLYMERS OF POLY(1, 3-BUTANEDIOL
FUMARATE) WITH METHYL METHACRYLATE AND
BUTYL VINYL ETHER. [31 Oct 63 [7p] brefs
Order from OTS, SLA, or ETC \$1.10 TT-64-10718

1. Tarasov, A. I.
- II. Spasskii, S. S.

Trans. of Plasticheskie Massy (USSR) 1963, no. 8,
p. 20-22.

(Chemistry--Organic, TT, v. 12, no. 2)

Office of Technical Services

Kanavets, I. F. and Klaz, S. I.
A METHOD FOR DETERMINING THE RHEOLOGICAL
PROPERTIES OF POLYMERS. Apr 64, 7p 12refs
Order from ICE \$15.00/year in International Chemical
Engineering, 1964, v. 4, no. 2, p. 230-236

Trans. of Plasticheskie Massy (USSR) 1963, no. 8,
p. 27-33.

(Materials--Plastics, TT, v. 12, no. 4)

TT-64-22217-2 (p. 230-236)

I. Kanavets, I. F.
II. Klaz, S. I.
III. International Chemical
Engineering, New York

Office of Technical Services

Method for Purifying, and Controlling the
Degree of Purity of, Methyl Methacrylate,
by I. V. Shelepin, G. M. Dugacheva,
L. A. Chervoneva, A. G. Anikin, A. I.
Fedorova, 5pp.
RUSSIAN, per, Plasticheskie Massy, No 9,
1963, pp 50-51.
CFSTI TT-64-18487.

322,648

Sci - Materials
Mar 67

Zlatina, S. A. and Levin, A. N.
PRODUCTION OF CHEMICALLY HOMOGENEOUS
COPOLYMERS. Apr 64, 6p 32ruls
Order from ICE \$15.00/year in International Chemical
Engineering, 1964, v. 4, no. 2, p. 307-312

Trans. of Plasticheskie Massy (USSR) 1963, no. 10,
p. 3-7.

(Materials--Plastics, TT, v. 12, no. 4)

TT-64-22217-2(p. 307-312)

- I. Zlatina, S. A.
- II. Levin, A. N.
- III. International Chemical
Engineering, New York

Office of Technical Services

S-224/64

Shallow-Draft Plastic Launch, by V. P. Smirnov,
N. A. Sosunov. SF-3032

RUSSIAN, per, Plasticheskiye Massy, No 1, 1964,
pp 71-72.

Sci-Chem
Feb 64

Thermoreactivity of Resins From Fundamental
Divinyl Polymers, by V. N. Gorbunov, A. G. Magbina,
5 pp.
RUSSIAN, paper, Plasticheskie Massy, No 1, 1964,

CIA/FDD X-5345

Sci - *Chen*
~~Phys~~

Mar 64

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252,888

Mechanism of Viscous Flow of Linear
Polymers, by G. M. Bartenev. 18p
RUSSIAN, per, Plasticheskie Massy, Vol 12,
1964, pp 20-26.
TC-1018

Sci-Materials
Oct 66

313,229

Radiation Polymerization of Ethylene in
Scaled-up Laboratory Apparatus, by
A.D. Alkin, A.L. Amer, et al.
RUSSIAN, per, Plasticheskiye Massy, No 2,
1964, pp 3-6. 9232407
NEC BNL-Tr-59

Sci/Physics
May 66

299,506

R-5387-D

Flexible Tanks Made of Nylon Fabric, Plasticheskiye
Massy, No 2, 1964, pp 72-73, 2 pp

Russian

Fast-Hardening Core Mixtures, by N. N.
Oster-Volkov. 6p.
RUSSIAN, per, Plasticheskie Massy, No 3,
1964, pp 61-62.
SLA TT-66-10237

Sci-Materials
Oct 66

313,365

Continuous Production of Phenol-Formaldehyde
Novolak Resins, by V. M. Demkin, 11 pp.
RUSSIAN, per, Plasti Massy, No 4, 1964, pp 14-20.
ATS-09R77R

Sci - Phys
Jul 66

305,887

Polishing of Polymethyl Methacrylate by
a Propane-Oxygen Flame, by Yu. A. Kalachev
RUSSIAN, per, Plasticheskie Massy, No 5,
1964, p 61
NTC 71-15110-13H

mar 72

Wear Resistance of Polyformaldehyde in
Sleeve Bearings, by V. N. Kestel'man,
D. I. Fel'dman, 5 pp.
RUSSIAN, per, Plasticheskiye Massy,
No 7, 1964, pp 65-66. 9697772
FTD-TT-65-329

Sci - E/M
Aug 65

287,553

Strength of Glass Plastics and Its
Dependence Upon the Change in Wetting
Angle With Binding of Water Proofed
Glass Fibers, by Ye. B. Trostynskaya,
A. M. Poymanov, et al, 11 pp.
RUSSIAN, per, Plasticheskiye Massy,
No 8, 1964, pp 20-23. 9698029
FTB-TT-65-319

Sci-M/M
Oct 65

280,962

Physicochemical Antifriction Properties
of Teflon Materials, by S. N. Ganz, et al
RUSSIAN, per, Plasticheskiye Massy, No 8,
1964, pp 28-31.
*FTD-IT-65-1895

Sci/NUM
Dec 65

Mechanical and Friction Properties of
Polyamide and Polyethylene Coatings,
by A. A. Kut'kov, D. T. Avdeyev, 5 pp.
RUSSIAN, per, Plasticheskiye Massy,
No 8, 1964, pp 31-33. 9698029
FTD-TT-65-319

Sci-T/H
Oct 65

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The Use of Plastics for Water Shut-Off in
Oil Wells, by E. N. Umrikhina, et al,
RUSSIAN, per, Plast. Massy, No 5, 1964,
pp 35-40.
NTS RJ-4513.

Sci-Tech,
Apr 67

321,3701

Selection and Application of Silicone
Fluids to Decrease the Adhesion of
Plastics to Solid Surfaces, by
I. M. Vinogradova, A. Ya. Korolev, 7 pp.
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No 9, 1964, pp 18-20. 9698626
DTB-TT-65-999

Sci - 14/11
Dec 65

291,952

Study of the Heat Resistance and Cold Resistance
of Low-Pressure Polyethylene Containing Mineral
Fillers, by M. G. Sulzharev.
RUSSIAN, per, Plast Massy, No 9, 1964,
pp 23-26.
ATS-4904

Sci
Dec 68

368,770

The Affect of Low Temperatures on the
Antifriction Properties of Polycap-
rolactam, by Yu. A. Yevdokimov,
A. F. Kotonko, 5 pp.
RUSSIAN, per, Plasticheskiye Massy,
No 9, 1964, pp 41-45. 9698626
FTD-TT-65-909

Sci - Chem
Dec 65

291,933

Investigation of the Kinetics of Urethane
Formation on the Basis of Changes in the
Specific Volumetric Resistance of the Reacting
System, by B. A. Fomenko.
RUSSIAN, per, Plasticheskie Massy, No 10, 1964,
pp 47-49.
NTC-71-16175-111

Jan 72

The Effect of Fillers on the Physicomechanical
Properties of Polypropylene, by I. I. Farberova.
RUSSIAN, per, Plast Massy, No 10, 1964,
pp 62-64.
ATS RJ-4924

Sci-Mat
Feb 69

373,748

Progress in Synthesis of New Polymers, by
M. M. Koton. 39 pp.
RUSSIAN, per, Plasticheskiye Massy, No 11,
1964, pp 1-9. 9699943
FTL-TT-65-936/1+2

Sci/M&M
Apr 66

298,892

Study of the Deformation of Filled Fluoro-
plastic Materials, by S. N. Ganz, V. D.
Fakhomenko. 39 pp.
RUSSIAN, per, Plasticheskiye Massy, No 11,
1964, pp 37-39. 9699943
FTD-TT-65-936/1+2

Sci/MEM
Apr 66

298,893

Semiconductor Polyvinyl Chloride Compositions,
by Yu. N. Van-gaut, L. A. Ol'shanskaya, et al.

39 p.

RUSSIAN, per, Plasticheskiye Massy, No 11,
1964, pp 42-45. 9699943

FID-TT-65-936/1+2

Sci/MGM
Apr 66

298,894

Chemical Reactions on the Surfaces of
Glass Fibers Used in Glass-Reinforced
Plastics, by Ye. B. Frostyanskaya.
RUSSIAN, per, Plasticheskiye Massy, No 11,
1965, pp 67-69.
NASA TT P-10,099

Sci-M/M
Jul 66

304,166

(On His 60th Anniversary) Kuz'ma
Andryanovich Andryanov, by A. A. Zhdanov.
RUSSIAN, per, Plattscheskiye Dassy,
No 12, 1964, p 2.

*ACSI I-3603
ID 2204054465

USSR
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Jan 66

Penetration of an Axially Symmetrical Punch Into an
Incompressible Elastic Body, by A. A. Il'yushin, 6 pp
UNCL

RUSSIAN, ^{VI} ~~UNE~~, Elastichnost, Chap, 1948, pp 339-344.

DSIR LIA (loan) H.584

Sci. Phys
Nov 59

100,732

Basic Mathematical Theory of Plasticity, by
A. A. Il'yushin.

RUSSIAN, mono, Plastichnost', Moscow, 1963,
270 pp.

*IPST

Sci.-Phys
May 64

Fiberglass-reinforced Plates and Shells, by L. A. Davin,
N. P. Fleishman. 384 pp

RUSSIAN, M. Plastinski i Golodchik s kolezani
zhestkosti, 1964.

CISTI TR 57-5186-1

NADA TR 9-427

Sci/steroids

Dec 67

345, 107

Plates and Shells in Turbine Rotors, by
A. D. Kovalenko. 404 pp.
RUSSIAN, bk. Plastiny i Obolochki V Rotorakh
Turbo mashin, 1955, pp. 1-393. P100022766-V
FTD-77-65-1258

Sci/Mechan, Indust, Civil,
& Marine Engr.
Sep 66

396,396

Investigation of Non-Metallic Materials for
Sliding Bearings Suitable for Certain Con-
ditions of Friction in Chemical Machine
Construction, by I. V. Vasil'yev, 13 pp.

RUSSIAN, brochure, Plastmassy i ikh kak
Antifriktsionnye Materialy. Iz Ak Nauk SSSR.
Moscow, 1961, pp 86-95. 9684842

FTD-TT-63-260

Sci-Engr
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